



GF

No.0024F·E-1

CT1358

SUPPLEMENT

Quelques erreurs s'étant introduites dans les précautions techniques, le schéma de montage et la liste des pièces de rechange du manuel de dépannage du modèle CT1358 (No. 0024F. E), nous vous prions de bien vouloir consulter le présent supplément contenant les renseignements exacts. Utilisez ce supplément en combinaison avec le manuel de dépannage du modèle CT1358 (No. 0024F. E) lors des dépannages.

Since there are some errors in the technical cautions, circuit diagram and parts list in the CT1358 service manual (No. 0024F.E), this supplement describes the correct contents. Use this supplement together with the CT1358 service manual (No. 0024F.E) when servicing.

Caractéristiques techniques et composants sont sujets à modification pour amélioration.
SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

TELEVISEUR COULEUR/COLOR TELEVISION

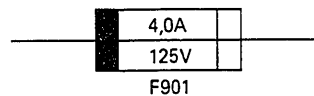
January 1986

GIFU WORKS

ATTENTION

Le symbole suivant placé près du fusible d'alimentation correspond au fusible à fusion rapide qui doit être remplacé. La puissance du fusible est indiquée dans le symbole.

Exemple:

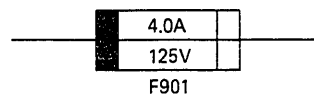


La puissance du fusible F901 est de 4,0A–125V, F902 ... 1,0A–125V. Remplacer le fusible avec un fusible de même puissance pour qu'une protection permanent contre l'incendie soit assurée.

CAUTION

The following symbol near the fuse indicates fast operating fuse to be replaced. Fuse ratings appear with in the symbol.

Example:



Ratings of fuses are F901 ... 4.0A–125V, F902 ... 1.0A–125V. Replace with the same type fuse for continued protection against fire.

TECHNICAL CAUTIONS

OPERATION CHECK HOLD DOWN CIRCUIT

1. Connect a high voltage voltmeter between the CRT anode and the chassis ground as shown Fig. 1.
2. Set Brightness and Picture controls to Maximum.
3. Adjust Screen control, so that ABL terminal voltage become 10 volts or less, (To allow beam current set at specified 1.15mA point by means of automatic current limiter.) as shown in Fig. 2.
4. Set the AC input voltage to 100 volts, and short circuit both terminals of R904 as shown Fig. 3.
5. Increase the AC input voltage gradually and check that the picture disappears when the high voltage is less than 27.0 KV.
6. Turn the switch of the set OFF immediately after checking that the picture disappears.
7. Remove the adjusting jig and the voltmeter.

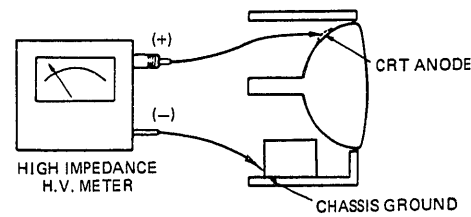


Fig. 1. Connection of H.V. Meter

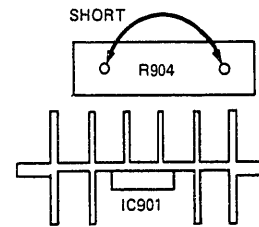


Fig. 3.

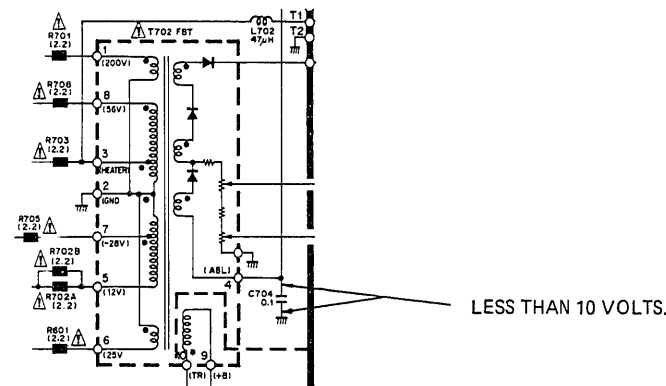
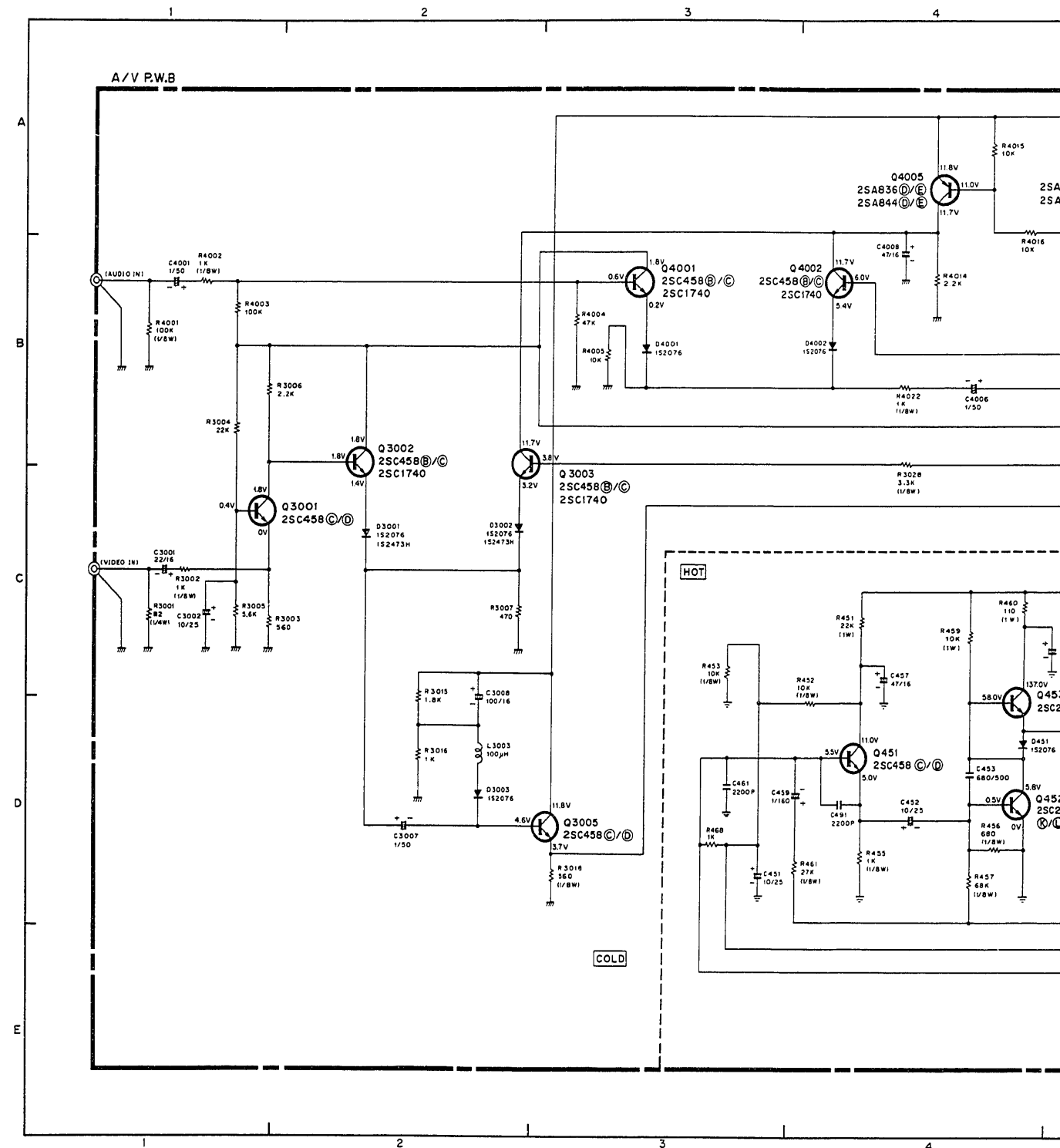


Fig. 2.

SCHEMA DE MONTAGE A/V A/V CIRCUIT DIAGRAM

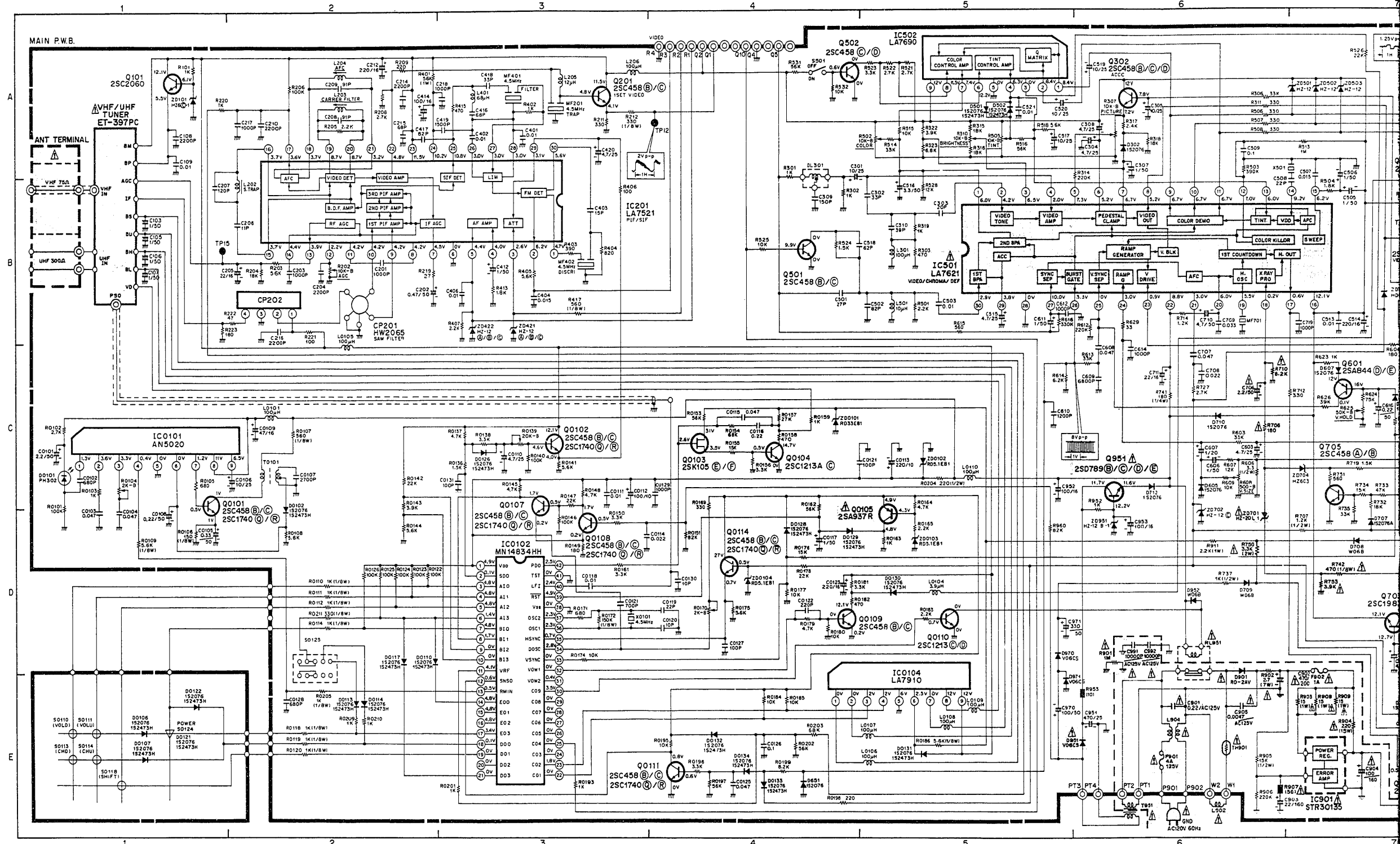
NOTICE DE SECURITE DE FABRIQUE
une zone de couleur, possèdent des
remplacement de l'un de ces compos
manuel de réparation. Ne pas altérer le



NOTICE DE SECURITE DE FABRICATION: Les composants qui sont accompagnés du symbole Δ et indiqués par une zone de couleur, possèdent des caractéristiques spéciales qui ont trait à la sécurité. Avant de procéder au remplacement de l'un de ces composants, lire attentivement la notice de sécurité de fabrication contenue dans ce manuel de réparation. Ne pas altérer le niveau de sécurité de l'appareil en procédant à des réparations erronées.

DIAGRAMME SCHEMATIQUE DE BASE BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with the symbol Δ and indicated by a color zone, possess special characteristics related to safety. Before replacing any of these components, read the safety notice contained in this repair manual. Don't degrade the safety of the receiver by making incorrect repairs.



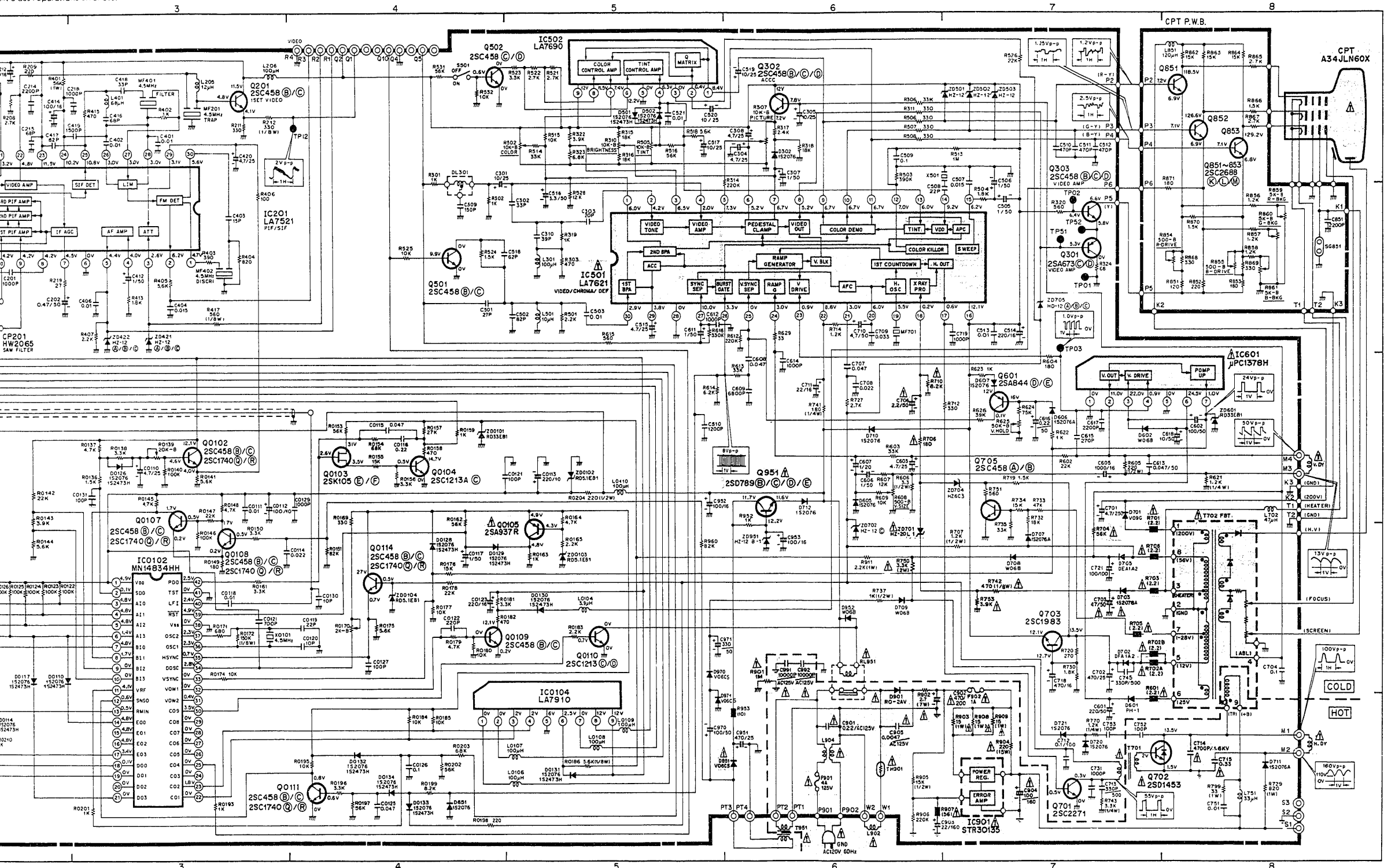
• Etant donné que ceci représente un diagramme schématique de base, la valeur des éléments est sujette à modification pour des raisons d'amélioration.

• Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.
• All DC voltage to be measured with a tester (100k Ω /V).
Voltage taken on a complex color bar signal including a standard color bar signal.

mpagnés du symbole et indiqués par
à la sécurité. Avant de procéder au
unité de fabrication contenue dans ce
nt à des réparations erronées.

DIAGRAMME SCHEMATIQUE DE BASE BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.



Donné que ceci représente un diagramme schématique de base, la valeur des éléments est
à modification pour des raisons d'amélioration.

- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.
- All DC voltage to be measured with a tester (100k Ω /V).
- Voltage taken on a complex color bar signal including a standard color bar signal.

CATALOGUE DE PIECES DE RECHANGE / REPLACEMENT PARTS LIST

NOTICE DE SECURITE DE FABRICATION: Les composants qui sont accompagnés du symbole Δ possèdent des caractéristiques spéciales. Avant de procéder au remplacement des ces composants, lire attentivement la NOTICE DE SECURITE DE FABRICATION indiquée dans ce manuel de réparation. Ne pas altérer le niveau de sécurité de l'appareil en procédant à des réparations erronées.

ABBREVIATIONS: Capacitors CD: Ceramic disk, PF: Polyester film, EL: Electrolytic, PP: Polypropylene, PR: Paper, TA: Tantalum
Resistors CF: Carbon film, CC: Carbon composition, MF: Metal oxide film, VR: Varialbe resistor, WW: Wire wound, FR: Fuse resistor

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
CAPACITORS			C202	0259958	EL 0.47MF 50V
C0001	0248684	CD 100PF +-5% 50V	C203	0244139	CD 1000PF +-10% 50V
C0002	0248684	CD 100PF +-5% 50V	C204	0244105	CD 2200PF +-10% 50V
C0003	0253009	EL 100MF 6.3V	C205	0253047	EL 22MF 16V
C0101	0253083	EL 2.2MF 50V	C206	0246571	CD 11PF +-5% 50V
C0102	0244117	CD 680PF +-10% 50V	C207	0246596	CD 120PF +-5% 50V
C0103	0277021	PF 0.047MF +-10% 50V	C208	0246463	CD 91PF +-5% 50V
C0104	0277021	PF 0.047MF +-10% 50V	C209	0246463	CD 91PF +-5% 50V
C0105	0252807	EL 0.33MF 50V	C210	0244105	CD 2200PF +-10% 50V
C0106	0253086	EL 10MF 25V	C212	0253051	EL 220MF 16V
C0107	0299011	PP 2700PF 100V	C214	0244105	CD 2200PF +-10% 50V
C0108	0252806	EL 0.22MF 50V	C215	0248680	CD 68PF +-5% 50V
C0109	0253049	EL 47MF 16V	C216	0244105	CD 2200PF +-10% 50V
C0110	0253065	EL 4.7MF 25V	C217	0244139	CD 1000PF +-10% 50V
C0111	0277013	PF 0.01MF +-10% 50V	C218	0244139	CD 1000PF +-10% 50V
C0112	0253030	EL 100MF 10V	C3001	0253047	EL 22MF 16V
C0113	0253031	EL 220MF 10V	C3002	0253066	EL 10MF 25V
C0114	0277017	PF 0.022MF +-10% 50V	C3007	0253082	EL 1MF 50V
C0115	0277021	PF 0.047MF +-10% 50V	C3008	0253050	EL 100MF 16V
C0116	0277029	PF 0.22MF +-10% 50V	C301	0253066	EL 10MF 25V
C0117	0253082	EL 1MF 50V	C3011	0253053	EL 470MF 16V
C0118	0277013	PF 0.01MF +-10% 50V	C302	0248678	CD 56PF +-5% 50V
C0119	0246448	CD 22PF +-5% 50V	C303	0248667	CD 20PF +-5% 50V
C0120	0246420	CD 10PF +-0.25% 50V	C304	0253065	EL 4.7MF 25V
C0121	0248684	CD 100PF +-5% 50V	C305	0253066	EL 10MF 25V
C0122	0248692	CD 220PF +-5% 50V	C307	0253082	EL 1MF 50V
C0123	0253051	EL 220MF 16V	C308	0253065	EL 4.7MF 25V
C0125	0277021	PF 0.047MF +-10% 50V	C309	0248688	CD 150PF +-5% 50V
C0126	0277025	PF 0.1MF +-10% 50V	C310	0248674	CD 39PF +-5% 50V
C0127	0248684	CD 100PF +-5% 50V	C4001	0253082	EL 1MF 50V
C0128	0244117	CD 680PF +-10% 50V	C4006	0253082	EL 1MF 50V
C0129	0244139	CD 1000PF +-10% 50V	C4007	0253049	EL 47MF 16V
C0130	0248640	CD 10PF +-0.25% 50V	C4008	0253049	EL 47MF 16V
C0131	0248684	CD 100PF +-5% 50V	C401	0244171	CD 0.01MF +80-21% 50V
C103	0253082	EL 1MF 50V	C402	0244171	CD 0.01MF +80-21% 50V
C105	0253082	EL 1MF 50V	C403	0248664	CD 15PF DC50V
C106	0253082	EL 1MF 50V	C404	0277015	PF 0.015MF +-10% 50V
C107	0253082	EL 1MF 50V	C406	0244171	CD 0.01MF +80-21% 50V
C108	0244105	CD 2200PF +-10% 50V	C412	0253082	EL 1MF 50V
C109	0277013	PF 0.01MF +-10% 50V	C414	0253050	EL 100MF 16V
C201	0244139	CD 1000PF +-10% 50V	C416	0248680	CD 68PF +-5% 50V
			C417	0248682	CD 82PF +-5% 50V

PRODUCT SAFETY NOTE: Components marked with a Δ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C418	0248672	CD 33PF +-5% 50V	C618	0253086	EL 10MF 50V
C419	0244103	CD 1500PF +-10% 50V	C651	0253082	EL 1MF 50V
C420	0253065	EL 4.7MF 25V	C701	0259842	EL 4.7MF 250V (HR)
C451	0253066	EL 10MF 25V	C702	0253073	EL 470MF 25V
C452	0253066	EL 10MF 25V	Δ C703	0253089	EL 47MF DC50WV
C453	0243511	CD 680PF +-5% 500V	C704	0277025	PF 0.1MF +-10% 50V
C455	0253457	EL 22MF 160V	Δ C706	0253083	EL 2.2MF 50V
C456	0253455	EL 4.7 MF 160V	C707	0277021	PF 0.047MF +-10% 50V
C457	0253049	EL 47MF 16V	C708	0277017	PF 0.022MF +-10% 50V
C458	0253066	EL 10MF 25V	C709	0277019	PF 0.033MF +-10% 50V
C459	0253452	EL 1MF 160V	C710	0253085	EL 4.7MF 50V
C461	0244105	CD 2200PF +-10% 50V	C711	0253047	EL 22MF 16V
C491	0244105	CD 2200PF +-10% 50V	C712	0279859	PF 0.1MF +-10% 100V
C501	0248670	CD 27PF +-5% 50V	C713	0243507	CD 330PF +-10% 500V
C502	0248682	CD 82PF +-5% 50V	Δ C714	0299728	PP 4700PF 1600V
C503	0277013	PF 0.01MF +-10% 50V	Δ C715	0299932	PP 0.33MF +-10% 200V
C505	0253082	EL 1MF 50V	C718	0253053	EL 470MF 16V
C506	0253082	EL 1MF 50V	C719	0244139	CD 1000PF +-10% 50V
C507	0277015	PF 0.015MF +-10% 50V	C721	0253290	EL 100MF 100V
C508	0246448	CD 22PF +-5% 50V	C731	0244501	CD 1000PF +-10% 500V
C509	0277025	PF 0.1MF +-10% 50V	C745	0243507	CD 330PF +-10% 500V
C510	0244118	CD 470 PF+-10% 50V	C751	0299914	PP 0.01MF+-10% 200V
C511	0244118	CD 470 PF+-10% 50V	C752	0249137	CD 100PF +-10%
C512	0244118	CD 470 PF+-10% 50V	C753	0249137	CD 100PF +-10%
C513	0277013	PF 0.01MF +-10% 50V	C851	0244215	CD 2200PF +-10% 2KV
C514	0253051	EL 220MF 16V	Δ C901	0279718	MP 0.22MF +-10% 125V
C515	0253065	EL 4.7MF 25V	Δ C902	0259976	EL 470MF DC200WV
C516	0253084	EL 3.3MF 50V	C903	0252710	EL 22MF 160V
C517	0253066	EL 10MF 25V	Δ C904	0253460	EL 100MF 160V
C518	0246459	CD 62PF +-5% 50V	Δ C905	0249145	CD 4700PF +-10% 125V
C519	0253066	EL 10MF 25V	C951	0253073	EL 470MF 25V
C520	0253066	EL 10MF 25V	C952	0253050	EL 100MF 16V
C521	0277013	PF 0.01MF +-10% 50V	C953	0253050	EL 100MF 16V
C601	0253091	EL 220MF 50V	C970	0253090	EL 100MF 50V
C602	0253090	EL 100MF 50V	C971	0253092	EL 330MF 50V
C603	0253065	EL 4.7MF 25V	Δ C991	0279716	MP 0.01MF 125V
C605	0253054	EL 1000MF 16V	Δ C992	0279716	MP 0.01MF 125V
C606	0253082	EL 1MF 50V	RESISTORS		
C607	0292716	TA 1 MF+-10% 20V			
C608	0277021	PF 0.047MF +-10% 50V	R0001	0187041	CF 100 OHM +-5% 1/16W
C609	0244111	CD 6800PF +-10% 50V	R0005	0100001	CF 2.2 OHM +-5% 1/8W
C610	0244102	CD 1200PF +-10% 50V	R0006	0100001	CF 2.2 OHM +-5% 1/8W
C611	0253082	EL 1MF 50V	R0101	0187113	CF 100K OHM +-5% 1/16W
C612	0244139	CD 1000PF +-10% 50V	R0102	0187075	CF 2.7K OHM +-5% 1/16W
C613	0276831	PF 0.047MF +-5% 50V	R0103	0187065	CF 1K OHM +-5% 1/16W
C614	0244139	CD 1000PF +-10% 50V	R0104	0150036	VR 2K OHM-B RS-8
C615	0248694	CD 270PF +-5% 50V	R0105	0187061	CF 680 OHM +-5% 1/16W
C616	0252806	EL 0.22MF 50V	R0106	0100045	CF 150 OHM +-5% 1/8W
C617	0244125	CD 2200PF +-10% 50V			

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R0107	0100059	CF 560 OHM +-5% 1/8W	R0176	0187093	CF 15K OHM +-5% 1/16W
R0108	0187083	CF 5.6K OHM +-5% 1/16W	R0177	0187089	CF 10K OHM +-5% 1/16W
R0109	0100083	CF 5.6K OHM +-5% 1/8W	R0178	0187097	CF 22K OHM +-5% 1/16W
R0110	0100065	CF 1K OHM +-5% 1/8W	R0179	0187081	CF 4.7K OHM +-5% 1/16W
R0111	0100065	CF 1K OHM +-5% 1/8W	R0180	0187089	CF 10K OHM +-5% 1/16W
R0112	0100065	CF 1K OHM +-5% 1/8W	R0181	0187077	CF 3.3K OHM +-5% 1/16W
R0114	0100065	CF 1K OHM +-5% 1/8W	R0182	0187057	CF 470 OHM +-5% 1/16W
R0118	0100065	CF 1K OHM +-5% 1/8W	R0183	0187073	CF 2.2K OHM +-5% 1/16W
R0119	0100065	CF 1K OHM +-5% 1/8W	R0184	0187089	CF 10K OHM +-5% 1/16W
R0120	0100065	CF 1K OHM +-5% 1/8W	R0185	0187089	CF 10K OHM +-5% 1/16W
R0122	0187113	CF 100K OHM +-5% 1/16W	R0186	0100083	CF 5.6K OHM +-5% 1/8W
R0123	0187113	CF 100K OHM +-5% 1/16W	R0193	0100065	CF 1K OHM +-5% 1/8W
R0124	0187113	CF 100K OHM +-5% 1/16W	R0195	0187089	CF 10K OHM +-5% 1/16W
R0125	0187113	CF 100K OHM +-5% 1/16W	R0196	0187077	CF 3.3K OHM +-5% 1/16W
R0126	0187113	CF 100K OHM +-5% 1/16W	R0197	0187107	CF 56K OHM +-5% 1/16W
R0136	0187069	CF 1.5K OHM +-5% 1/16W	R0198	0187049	CF 220 OHM +-5% 1/16W
R0137	0187081	CF 4.7K OHM +-5% 1/16W	R0199	0187087	CF 8.2K OHM +-5% 1/16W
R0138	0187077	CF 3.3K OHM +-5% 1/16W	R0201	0187065	CF 1K OHM +-5% 1/16W
R0139	0150039	VR RS-8 20 KOHM-B	R0202	0187107	CF 56K OHM +-5% 1/16W
R0140	0187113	CF 100K OHM +-5% 1/16W	R0203	0187109	CF 68K OHM +-5% 1/16W
R0141	0187083	CF 5.6K OHM +-5% 1/16W	R0204	0113733	CF 220 OHM +-5% 1/2W
R0142	0187097	CF 22K OHM +-5% 1/16W	R0205	0100065	CF 1K OHM +-5% 1/8W
R0143	0187079	CF 3.9K OHM +-5% 1/16W	R0209	0187065	CF 1K OHM +-5% 1/16W
R0144	0187083	CF 5.6K OHM +-5% 1/16W	R0210	0187065	CF 1K OHM +-5% 1/16W
R0145	0187081	CF 4.7K OHM +-5% 1/16W	R0211	0187065	CF 1K OHM +-5% 1/16W
R0146	0187113	CF 100K OHM +-5% 1/16W	R101	0100065	CF 1K OHM +-5% 1/8W
R0147	0187097	CF 22K OHM +-5% 1/16W	R202	0150038	VR 10K OHM-B RS-8
R0148	0187081	CF 4.7K OHM +-5% 1/16W	R203	0187083	CF 5.6K OHM +-5% 1/16W
R0149	0187047	CF 180 OHM +-5% 1/16W	R204	0187095	CF 18K OHM +-5% 1/16W
R0150	0187077	CF 3.3K OHM +-5% 1/16W	R205	0187073	CF 2.2K OHM +-5% 1/16W
R0151	0187111	CF 82K OHM +-5% 1/16W	R206	0187113	CF 100K OHM +-5% 1/16W
R0153	0187107	CF 56K OHM +-5% 1/16W	R208	0187075	CF 2.7K OHM +-5% 1/16W
R0154	0187109	CF 68K OHM +-5% 1/16W	R209	0187049	CF 220 OHM +-5% 1/16W
R0155	0187093	CF 15K OHM +-5% 1/16W	R211	0100053	CF 330 OHM +-5% 1/8W
R0156	0187077	CF 3.3K OHM +-5% 1/16W	R212	0100053	CF 330 OHM +-5% 1/8W
R0157	0187099	CF 27K OHM +-5% 1/16W	R219	0187027	CF 27 OHM +-5% 1/16W
R0158	0187057	CF 470 OHM +-5% 1/16W	R220	0187065	CF 1K OHM +-5% 1/16W
R0159	0187065	CF 1K OHM +-5% 1/16W	R221	0113725	CF 100 OHM +-5% 1/2W
R0161	0187077	CF 3.3K OHM +-5% 1/16W	R222	0187033	CF 47 OHM +-5% 1/16W
R0162	0187107	CF 56K OHM +-5% 1/16W	R223	0187033	CF 180 OHM +-5% 1/16W
R0163	0187065	CF 1K OHM +-5% 1/16W	R3001	0114063	CF 82 OHM +-5% 1/4W
R0164	0187081	CF 4.7K OHM +-5% 1/16W	R3002	0100065	CF 1K OHM +-5% 1/8W
R0165	0187073	CF 2.2K OHM +-5% 1/16W	R3003	0187059	CF 560 OHM +-5% 1/16W
R0169	0187053	CF 330 OHM +-5% 1/16W	R3004	0187097	CF 22K OHM +-5% 1/16W
R0170	0150036	VR 2K OHM-B RS-8	R3005	0187083	CF 5.6K OHM +-5% 1/16W
R0171	0187061	CF 680 OHM +-5% 1/16W	R3006	0187073	CF 2.2K OHM +-5% 1/16W
R0172	0100117	CF 150K OHM +-5% 1/8W	R3007	0187057	CF 470 OHM +-5% 1/16W
R0174	0187089	CF 10K OHM +-5% 1/16W	R301	0100065	CF 1K OHM +-5% 1/8W
R0175	0187083	CF 5.6K OHM +-5% 1/16W	R3015	0187071	CF 1.8K OHM +-5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R3016	0187065	CF 1K OHM $\pm 5\%$ 1/16W	R461	0100099	CF 27K OHM $\pm 5\%$ 1/8W
R3018	0100059	CF 560 OHM $\pm 5\%$ 1/8W	R463	0114131	CF 100 OHM $\pm 5\%$ 1/4W
R302	0187065	CF 1K OHM $\pm 5\%$ 1/16W	R501	0187073	CF 2.2K OHM $\pm 5\%$ 1/16W
R3028	0100077	CF 3.3K OHM $\pm 5\%$ 1/8W	R503	0100127	CF 390K OHM $\pm 5\%$ 1/8W
R303	0187057	CF 470 OHM $\pm 5\%$ 1/16W	R504	0187071	CF 1.8K OHM $\pm 5\%$ 1/16W
R306	0187101	CF 33K OHM $\pm 5\%$ 1/16W	R506	0100053	CF 330 OHM $\pm 5\%$ 1/8W
R311	0187053	CF 330 OHM $\pm 5\%$ 1/16W	R507	0100053	CF 330 OHM $\pm 5\%$ 1/8W
R314	0100121	CF 220K OHM $\pm 5\%$ 1/8W	R508	0100053	CF 330 OHM $\pm 5\%$ 1/8W
R315	0187095	CF 18K OHM $\pm 5\%$ 1/16W	R513	0179536	MG 1M OHM $\pm 5\%$ 1/8W
R316	0187095	CF 18K OHM $\pm 5\%$ 1/16W	R514	0187101	CF 33K OHM $\pm 5\%$ 1/16W
R317	0187074	CF 2.4K OHM $\pm 5\%$ 1/16W	R515	0187089	CF 10K OHM $\pm 5\%$ 1/16W
R318	0187095	CF 18K OHM $\pm 5\%$ 1/16W	R516	0187107	CF 56K OHM $\pm 5\%$ 1/16W
R319	0187065	CF 1K OHM $\pm 5\%$ 1/16W	R518	0187083	CF 5.6K OHM $\pm 5\%$ 1/16W
R320	0114149	CF 560 OHM $\pm 5\%$ 1/4W	R521	0187075	CF 2.7K OHM $\pm 5\%$ 1/16W
R322	0187079	CF 3.9K OHM $\pm 5\%$ 1/16W	R522	0187075	CF 2.7K OHM $\pm 5\%$ 1/16W
R323	0187085	CF 6.8K OHM $\pm 5\%$ 1/16W	R523	0187077	CF 3.3K OHM $\pm 5\%$ 1/16W
R324	0100037	CF 68 OHM $\pm 5\%$ 1/8W	R524	0187069	CF 1.5K OHM $\pm 5\%$ 1/16W
R4001	0100113	CF 100K OHM $\pm 5\%$ 1/8W	R525	0187089	CF 10K OHM $\pm 5\%$ 1/16W
R4002	0100065	CF 1K OHM $\pm 5\%$ 1/8W	R526	0100097	CF 22K OHM $\pm 5\%$ 1/8W
R4003	0187113	CF 100K OHM $\pm 5\%$ 1/16W	R528	0187091	CF 12K OHM $\pm 5\%$ 1/16W
R4004	0187105	CF 47K OHM $\pm 5\%$ 1/16W	R531	0187107	CF 56K OHM $\pm 5\%$ 1/16W
R4005	0187089	CF 10K OHM $\pm 5\%$ 1/16W	R532	0187089	CF 10K OHM $\pm 5\%$ 1/16W
R401	0111115	MF 56 OHM $\pm 5\%$ 1W	Δ R601	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W
R4013	0187073	CF 2.2K OHM $\pm 5\%$ 1/16W	R602	0187097	CF 22K OHM $\pm 5\%$ 1/16W
R4014	0187073	CF 2.2K OHM $\pm 5\%$ 1/16W	R603	0187101	CF 33K OHM $\pm 5\%$ 1/16W
R4015	0187089	CF 10K OHM $\pm 5\%$ 1/16W	R604	0187047	CF 180 OHM $\pm 5\%$ 1/16W
R4016	0187089	CF 10K OHM $\pm 5\%$ 1/16W	R605	0113733	CF 220 OHM $\pm 5\%$ 1/2W
R4017	0187089	CF 10K OHM $\pm 5\%$ 1/16W	R606	0113688	CF 3.3 OHM $\pm 5\%$ 1/2W
R4018	0187089	CF 10K OHM $\pm 5\%$ 1/16W	R607	0187091	CF 12K OHM $\pm 5\%$ 1/16W
R4019	0100089	CF 10K OHM $\pm 5\%$ 1/8W	R608	0150034	VR 500 OHM-B RV-8
R402	0187065	CF 1K OHM $\pm 5\%$ 1/16W	R609	0187089	CF 10K OHM $\pm 5\%$ 1/16W
R4022	0100065	CF 1K OHM $\pm 5\%$ 1/8W	R612	0100121	CF 220K OHM $\pm 5\%$ 1/8W
R4023	0100073	CF 2.2K OHM $\pm 5\%$ 1/8W	R613	0187101	CF 33K OHM $\pm 5\%$ 1/16W
R403	0187055	CF 390 OHM $\pm 5\%$ 1/16W	R614	0187084	CF 6.2K OHM $\pm 5\%$ 1/16W
R404	0187063	CF 820 OHM $\pm 5\%$ 1/16W	R615	0187059	CF 560 OHM $\pm 5\%$ 1/16W
R405	0187083	CF 5.6K OHM $\pm 5\%$ 1/16W	R616	0100125	CF 330K OHM $\pm 5\%$ 1/8W
R406	0187041	CF 100 OHM $\pm 5\%$ 1/16W	R621	0114163	CF 1.2K OHM $\pm 5\%$ 1/4W
R407	0187073	CF 2.2K OHM $\pm 5\%$ 1/16W	R622	0187065	CF 1K OHM $\pm 5\%$ 1/16W
R413	0187069	CF 1.5K OHM $\pm 5\%$ 1/16W	R623	0187065	CF 1K OHM $\pm 5\%$ 1/16W
R415	0187057	CF 470 OHM $\pm 5\%$ 1/16W	R624	0187110	CF 75K OHM $\pm 5\%$ 1/16W
R417	0100059	CF 560 OHM $\pm 5\%$ 1/8W	R626	0187103	CF 39K OHM $\pm 5\%$ 1/16W
R451	0110177	MF 22K OHM $\pm 5\%$ 1W	R629	0187029	CF 33 OHM $\pm 5\%$ 1/16W
R452	0100089	CF 10K OHM $\pm 5\%$ 1/8W	Δ R701	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W
R453	0100089	CF 10K OHM $\pm 5\%$ 1/8W	Δ R702A	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W
R455	0100065	CF 1K OHM $\pm 5\%$ 1/8W	Δ R702B	0119515	FR 2.2 OHM $\pm 5\%$ 1/4W
R456	0100061	CF 680 OHM $\pm 5\%$ 1/8W	Δ R703	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W
R457	0100109	CF 68K OHM $\pm 5\%$ 1/8W	Δ R704	0100107	CF 56K OHM $\pm 5\%$ 1/8W
R459	0110169	MF 10K OHM $\pm 5\%$ 1W	Δ R705	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W
R460	0110122	MF 110 OHM $\pm 5\%$ 1W	R706	0187047	CF 180 OHM $\pm 5\%$ 1/16W
			R468	0100065	CF 1K OHM $\pm 5\%$ 1/8W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R707	0113752	CF 1.2K OHM $\pm 5\%$ 1/2W	R906	0100121	CF 220K OHM $\pm 5\%$ 1/8W
Δ R708	0119505	FR 2.2 OHM $\pm 5\%$ 1/4W	Δ R907	0119508	FR 56 OHM $\pm 5\%$ 1/4W
Δ R710	0187087	CF 8.2K OHM $\pm 5\%$ 1/16W	Δ R908	0110101	MF 15 OHM $\pm 5\%$ 1W
R712	0187053	CF 330 OHM $\pm 5\%$ 1/16W	Δ R909	0110101	MF 15 OHM $\pm 5\%$ 1W
R714	0187067	CF 1.2K OHM $\pm 5\%$ 1/16W	R911	0110153	MF 2.2K OHM $\pm 5\%$ 1W
R719	0100069	CF 1.5K OHM $\pm 5\%$ 1/8W	R952	0100065	CF 1K OHM $\pm 5\%$ 1/8W
R720	0114141	CF 270 OHM $\pm 5\%$ 1/4W	R953	0119514	FR 10 OHM $\pm 5\%$ 1/4W
R727	0187075	CF 2.7K OHM $\pm 5\%$ 1/16W	R960	0187111	CF 82K OHM $\pm 5\%$ 1/16W
R729	0111143	MF 820 OHM $\pm 5\%$ 1W			
R730	0112756	CF 1.8K OHM $\pm 5\%$ 1/2W			
R732	0100095	CF 18K OHM $\pm 5\%$ 1/8W			
R733	0187109	CF 47K OHM $\pm 5\%$ 1/16W	ICs		
R734	0187093	CF 15K OHM $\pm 5\%$ 1/16W	IC0001	2366411	IC UPD1943G
R735	0187101	CF 33K OHM $\pm 5\%$ 1/16W	IC0104	2366621	IC LA7910
R737	0112750	CF 1K OHM $\pm 5\%$ 1/2W	IC0101	2366631	IC AN5020
R741	0114137	CF 180 OHM $\pm 5\%$ 1/4W	IC0102	2913091	IC MN14834HH
Δ R742	0100057	CF 470 OHM $\pm 5\%$ 1/8W	IC201	2368092	IC LA7521
R743	0114173	CF 3.3K OHM $\pm 5\%$ 1/4W	Δ IC501	2910012	IC LA7621
Δ R750	0110257	MF 3.3K OHM $\pm 5\%$ 2W	IC502	2913081	IC LA7690
R751	0100059	CF 560 OHM $\pm 5\%$ 1/8W	Δ IC601	2368501	IC UPC1378H
Δ R753	0137615	CF 3.9K OHM $\pm 5\%$ 1/4W	Δ IC901	2912175	IC STR3035
R770	0114163	CF 1.2K OHM $\pm 5\%$ 1/4W			
R799	0110109	MF 33 OHM $\pm 5\%$ 1W	TRANSISTORS		
R851	0100043	CF 120 OHM $\pm 5\%$ 1/8W	Q0002	2321982	TR 2SC2060(Q/R)
R852	0100049	CF 220 OHM $\pm 5\%$ 1/8W	Q0101	2321621	TR 2SC458(B/C)/2SC1740
R853	0100047	CF 180 OHM $\pm 5\%$ 1/8W	Q0102	2321621	TR 2SC458(B/C)/2SC1740
R854	0150078	VR 500 OHM-B RV-8	Q0103	2324084	TR 2SK105 E/F
R855	0150078	VR 500 OHM-B RV-8	Q0104	2320663	TR 2SC1213AC
R856	0100067	CF 1.2K OHM $\pm 5\%$ 1/8W	Δ Q0105	2323351	TR 2SA937(R)
R857	0100067	CF 1.2K OHM $\pm 5\%$ 1/8W	Q0107	2321621	TR 2SC458(B/C)/2SC1740
R858	0100067	CF 1.2K OHM $\pm 5\%$ 1/8W	Q0108	2321621	TR 2SC458(B/C)/2SC1740
R859	0150081	VR 5K OHM-B RV-8	Q0109	2321621	TR 2SC458(B/C)/2SC1740
R860	0150081	VR 5K OHM-B RV-8	Q0110	2320647	TR 2SC1213C/D
R861	0150081	VR 5K OHM-B RV-8	Q0111	2321621	TR 2SC458(B/C)/2SC1740
R862	0111173	MF 15K OHM $\pm 5\%$ 1W	Q0114	2321621	TR 2SC458(B/C)/2SC1740
R863	0111173	MF 15K OHM $\pm 5\%$ 1W	Q101	2321982	TR 2SC2060(Q/R)
R864	0111173	MF 15K OHM $\pm 5\%$ 1W	Q201	2321621	TR 2SC458(B/C)/2SC1740
R865	0113760	CF 2.7K OHM $\pm 5\%$ 1/2W	Q3001	2321596	TR 2SC458C/D
R866	0113754	CF 1.5K OHM $\pm 5\%$ 1/2W	Q3002	2321621	TR 2SC458(B/C)/2SC1740
R867	0113760	CF 2.7K OHM $\pm 5\%$ 1/2W	Q3003	2321621	TR 2SC458(B/C)/2SC1740
R868	0100053	CF 330 OHM $\pm 5\%$ 1/8W	Q3005	2321596	TR 2SC458C/D
R869	0100053	CF 330 OHM $\pm 5\%$ 1/8W	Q301	2320037	TR 2SA673C/D
R870	0100069	CF 1.5K OHM $\pm 5\%$ 1/8W	Q302	2321598	TR 2SC458B/C/D
R871	0100047	CF 180 OHM $\pm 5\%$ 1/8W	Q303	2321598	TR 2SC458B/C/D
Δ R901	0139015	CC 1M OHM $\pm 10\%$ 1/2W	Q4001	2321621	TR 2SC458(B/C)/2SC1740
Δ R902	0141133	WW 2.7 OHM $\pm 10\%$ 7W	Q4002	2321621	TR 2SC458(B/C)/2SC1740
Δ R903	0110101	MF 15 OHM $\pm 5\%$ 1W	Q4005	2321351	TR 2SA836/844 D/E
Δ R904	0141079	WW 220 OHM $\pm 5\%$ 15W			
R905	0113778	CF 15K OHM $\pm 5\%$ 1/2W			

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
Q4006	232:351	TR 2SA836/B4+ D/E	D502	233:351	DI 1S2076/1S2473H
Q4007	232:621	TR 2SC458(B/C)/2SC1740	D601	233:2142	DI PH-1
Q451	232:596	TR 2SC458C/D	D602	233:201	DI WD-6B
Q452	2322562	TR 2SC2688 K/L/M	D605	233:351	DI 1S2076/1S2473H
Q453	2322562	TR 2SC2688 K/L/M	D606	2330352	DI 1S2076A
Q501	232:621	TR 2SC458(B/C)/2SC1740	D607	233:351	DI 1S2076/1S2473H
Q502	232:596	TR 2SC458C/D	D651	233:351	DI 1S2076/1S2473H
Q601	232:351	TR 2SA836/B4+ D/E	D701	233:553	DI V09G
Q701	232:992	TR 2SC2271(M/N)	D702	2336291	DI DFA1A2
Δ Q702	2324411	TR 2SD1453	Δ D703	2330352	DI 1S2076A
Q703	2323432	TR 2SC1983R/D/Y	D705	2336291	DI DFA1A2
Q705	232:594	TR 2SC458A/B			
Q851	2322561	TR 2SC2688 K/L/M/N	D707	2330352	DI 1S2076A
Q852	2322561	TR 2SC2688 K/L/M/N	D708	233:201	DI WD-6B
Q853	2322561	TR 2SC2688 K/L/M/N	D709	233:201	DI WD-6B
Δ Q951	2323521	TR 2SD789 B/C/D/E	D710	233:351	DI 1S2076/1S2473H
			D711	2330352	DI 1S2076A
			D712	233:351	DI 1S2076/1S2473H
			D720	2330351	DI 1S2076
			D721	2330351	DI 1S2076
DIODES			Δ D901	233:991	DI R02A
D0001	2332892	DI 5E303A	Δ D951	2330256	DI V06CS
D0003	233:351	DI 1S2076/1S2473H	D952	233:201	DI WD-6B
D0004	233:351	DI 1S2076/1S2473H	D970	2330256	DI V06CS
D0101	2332431	DI PH302	D971	2330256	DI V06CS
D0102	233:351	DI 1S2076/1S2473H	ZD0102	2334122	ZD R05.1EB1
D0106	233:351	DI 1S2076/1S2473H	ZD0103	2334122	ZD R05.1EB1
D0107	233:351	DI 1S2076/1S2473H	ZD0104	2334122	ZD R05.1EB1
D0110	233:351	DI 1S2076/1S2473H	ZD0101	2334312	DI RD33EB1
D0113	233:351	DI 1S2076/1S2473H	ZD101	233:807	ZD HZ6(C)1
D0114	233:351	DI 1S2076/1S2473H	ZD421	233:154	ZD HZ12(A)/(B)/(C)
D0117	233:351	DI 1S2076/1S2473H	ZD422	233:154	ZD HZ12(A)/(B)/(C)
D0121	233:351	DI 1S2076/1S2473H	ZD501	233:154	ZD HZ12(A)/(B)/(C)
D0122	233:351	DI 1S2076/1S2473H	ZD502	233:154	ZD HZ12(A)/(B)/(C)
D0126	233:351	DI 1S2076/1S2473H	ZD503	233:154	ZD HZ12(A)/(B)/(C)
D0128	233:351	DI 1S2076/1S2473H	ZD601	2334312	DI RD33EB1
D0129	233:351	DI 1S2076/1S2473H	Δ ZD701	2335182	ZD HZ20-1L
D0130	233:351	DI 1S2076/1S2473H	ZD702	233:155	ZD HZ12(C)
D0131	233:351	DI 1S2076/1S2473H	ZD704	233:809	ZD HZ6(C)3
D0132	233:351	DI 1S2076/1S2473H	ZD951	233:844	ZD HZ12(B)1
D0133	233:351	DI 1S2076/1S2473H	ZD705	233:154	ZD HZ12(A)/(B)/(C)
D0134	233:351	DI 1S2076/1S2473H			
D3001	233:351	DI 1S2076/1S2473H			
D3002	233:351	DI 1S2076/1S2473H			
D3003	233:351	DI 1S2076/1S2473H			
D302	233:351	DI 1S2076/1S2473H			
D4001	233:351	DI 1S2076/1S2473H			
D4002	233:351	DI 1S2076/1S2473H			
D451	233:351	DI 1S2076/1S2473H			
D501	233:351	DI 1S2076/1S2473H			
THERMISTORS			Δ TH901	2340521	PTC THERMISTOR

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
COILS			FUSES		
L0101	2122253	LA AXIAL COIL	Δ F901	272:587	FUSE 4A
L0104	2122937	AXIAL COIL	Δ F902	272:811	FUSE 1A
L0105	2122253	LA AXIAL COIL			
L0106	2122253	LA AXIAL COIL			
L0107	2122253	LA AXIAL COIL			
L0108	2122253	LA AXIAL COIL			
L0109	2122253	LA AXIAL COIL			
L0110	2122253	LA AXIAL COIL			
L202	2142951	TRAP COIL			
L203	2142941	IF COIL			
L204	2142941	IF COIL			
L205	2122944	LAL AXIAL COIL 12 UH			
L206	2122253	LA AXIAL COIL			
L3003	2122956	LAL AXIAL COIL 100MH +-10%			
L301	2122956	LAL AXIAL COIL 100MH +-10%			
L401	2122954	LAL AXIAL COIL 68MH +-10%			
L501	2122943	LAL AXIAL COIL 10MH +-10%			
L702	2122092	FILTER COIL			
L751	2122096	FILTER COIL 33MH			
L851	2122254	LA AXIAL COIL 120 UH			
Δ L902	2162412	DEGAUSSING COIL			
Δ L904	227:331	LINE FILTER COIL			
TRANSFORMERS					
T0101	216:994	LOW FREQUENCY COIL			
Δ T451	2230071	LOW FREQUENCY TRANSFORMER			
Δ T452	2250451	SOUND OUTPUT TRANSFORMER			
Δ T701	2260163	HORIZONTAL DRIVE TRANSFORMER			
Δ T702	2434382	FLYBACK TRANSFORMER			
Δ T951	2213831	POWER TRANSFORMER			
COMPOUND COMPONENTS					
CP201	2300271	SAW FILTER HW2065			
CP202	2786831	PRE-AMP			
MF0001	2790841	CERAMIC FILTER CSB455EB			
MF201	2142241	CERAMIC FILTER 4.5MHZ			
MF401	2142601	CERAMIC FILTER 4.5MHZ			
MF402	2142761	CERAMIC DISCR			
MF701	2791062	CERAMIC OSC			
MISCELLANEOUS					
	2584304	REMOTE CONTROL TRANSMITTER			
	3419472	A/V BLOCK ASS'Y			
DL301	2163521	DELAY LINE			
EQ	2663827	10P PLUG PIN			
ES	266:752	3P PIN PLUG WITH BASE			
E001	267:531	2P PIN JACK			
E1001	275:526	LOOP ANTENNA			
E2001	273:063	EARPHONE			
E2007	3789931	PRESET DRIVER			
E3002	0043209	TELESCOPIC ANTENNA			
E501	2687791	F-US CHANGE			
Δ E6001	2442471	DEFLECTION YOKE			
E801	2784331	CPT SOCKET FOCUS COVER			
E802	295:472	FOCUS INSULATION PART			
Δ E901	2742553	AC CORD			
Δ E902	272:221	FUSE HOLDER			
E903	2787531	MICA PLATE			
J451	267:831	MIC JACK			
J801	2950461	CPT SOCKET			
N1004	278:282	BEAD BAND			
N6002	3332021	EARTH SPRING			
N715	3772201	AC CORD HOLDER			
Δ RL951	2640333	POWER RELAY			
SG851	2340037	SPARK GAP			
Δ SP461	2412401	SPEAKER 70X50 MM			
S0110	263:722	KEY SWITCH			
S0111	263:722	KEY SWITCH			
S0113	263:722	KEY SWITCH			
S0114	263:722	KEY SWITCH			
S0118	263:722	KEY SWITCH			
S0124	263:722	KEY SWITCH			
S0125	2620801	SLIDE SWITCH			
S501	0150536	VR WITH SWITCH 6P			
Δ V1	2356031	COLOR PICTURE TUBE A34JLN			
X0101	2785302	CRYSTAL 4.5MHZ			
X501	2790441	CRYSTAL			
Δ U101	2425955	TUNER ET-397PC			

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SYMBOL NO.	PART NO.	DESCRIPTION
	3267101	6 KEY BUTTON
	3458831	BACK COVER ASS'Y
	3013302	FRAME ASS'Y
	3727972	HOLDER-AC LINE CORD
	4159421	3X8 TAPPING SCREW
	4137975	4X16 SELF-TAPPING SCREW WITH FLANGE
	3767111	ANTENNA HOLDER
	4159423	M3X12 SCREW FOR RC PWB W/WASHER
	3739671	BS CORD HOLDER



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NTSC-SYSTEM NP85SX Chassis